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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/700,626	11/17/2000	Wolfgang Hultsch	0112740-113	8129
29177	7590	12/07/2005	EXAMINER	
BELL, BOYD & LLOYD, LLC P. O. BOX 1135 CHICAGO, IL 60690-1135			DUONG, DUC T	
			ART UNIT	PAPER NUMBER
			2663	

DATE MAILED: 12/07/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/700,626

Applicant(s)

HULTSCH, WOLFGANG

Examiner

Duc T. Duong

Art Unit

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 22 August 2005.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 14-21 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 14-19 and 21 is/are rejected.
- 7) ☒ Claim(s) 20 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. §§ 119 and 120

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
* See the attached detailed Office action for a list of the certified copies not received.
- 13) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application) since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.
a) ☐ The translation of the foreign language provisional application has been received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121 since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892) 4) ☐ Interview Summary (PTO-413) Paper No(s). _____
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948) 5) ☐ Notice of Informal Patent Application (PTO-152)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____ 6) ☐ Other: _____

DETAILED ACTION

Response to Amendment

1. The indicated allowability of claims 14-17 are withdrawn in view of the newly cited reference(s).

Claim Rejections - 35 USC § 103

2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

3. Claims 14-19, and 21 are rejected under 35 U.S.C. 103(a) as being unpatentable over Gorsuch et al (US Patent 6,151,332) in view of Wang et al (US Patent 6,157,635).

Regarding to claims 14-18, Gorsuch discloses an apparatus 100 for real-time transmission of data (fig. 1), comprising a receiving unit 120 (fig. 1 col. 3 lines 62-64) for receiving both useful data and filling data (fig. 3 col. 5 lines 56-62; noted the useful data is located in field 312 and the filling data is located in field 311 and 313) which arrive as a data stream with a constant data rate via a circuit-switched connection of a first communications network (fig. 1 col. 3 lines 31-46; noted ISDN is a circuit switched network having a constant rate transmission); a control unit 422 for removing the filling data contained in the data stream with the constant data rate and for reformatting the useful data contained in the data stream into a format compatible with a data stream with a variable data rate (fig. 4 col. 6 lines 32-40; noted the filling data in field 311 and 313 is removed, and only the useful data in field 312 is transmitted), wherein said

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variable data rate corresponds to a variable transmission bandwidth available for the connection (col. 6 lines 62-67 and col. 7 lines 1-2; noted the radio channels corresponds to a transmission bandwidth supporting a variable rate that's allocated to user only upon demand); and a sending unit 140 (fig. 1 col. 4 lines 10-14) for sending the reformatted useful data as a data stream with a variable data rate via a packet-oriented connection of a second communications network (fig. 1 col. 4 lines 14-18; noted the base station is a packet-oriented connection of a mobile communications network).

Gorsuch fails to teach the comprising of compressed video data.

However, Wang discloses an apparatus for converting frame-type transmissions, such ISDN, to packet-type transmissions, wherein data compression can be performed at the presentation protocol layer for video data (col. 2 lines 38-41). Thus, it would have been obvious to a person of ordinary skill in the art to employ data compression such as taught by Wang for optimizing data transmission and bandwidth conservation.

Regarding to claims 19 and 21, Wang discloses identifying transmission quality of the second communications network using a quality factor (D channel commands) of a transmission channel used for the data stream with variable data rate (fig. 4 col. 6 lines 51-56; D channel commands are used to indicate a transmission quality, such as desired class of service).

Allowable Subject Matter

4. Claim 20 is objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Conclusion

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Duc T. Duong whose telephone number is 571-272-3122. The examiner can normally be reached on M-F (9:00 AM-5:00 PM).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ricky Q. Ngo can be reached on 571-272-3139. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

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RICKY Q. NGO
SUPERVISORY PATENT EXAMINER